

# Air-Weigh.

Onboard Load Management Systems

## 5800 Rigid Truck Scale



### On-Board Weighing for Rigid Trucks

One system for multiple vehicle application's. Developed for rigid chassis. Including refuse collection, skip collection, tippers, hook loaders tankers and more.

- ▶ Multiple Vehicle Applications
- ▶ Protection from axle and gross overload
- ▶ Simple set up and calibration
- ▶ Automatic trailer recognition
- ▶ Mechanical or air ride vehicles

### Save Time and Money on Every Load

Savings that go straight to the bottom line - right from the first load.

Load each truck up to the legal limit to maximise your payload and profit.

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INDUSTRIES(Pty)Ltd

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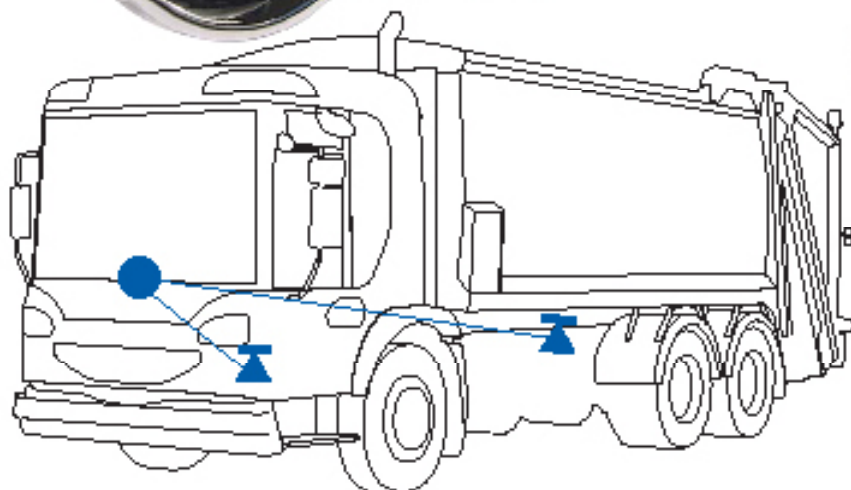
Onboard Load Management Systems



Air-Weigh 5800 Rigid Truck Scale

● Scale Display

▲ Sensor Locations



## 5800 Rigid Truck Scale



### Rigid Truck Scale Kit

The Air-Weigh Rigid Truck Scale Kit contains all the parts necessary for installation, including a ComLink module, display, sensors, cables and air lines (if needed).

### Air-Weigh Scale Features

The in-dash display shows the steer and drive axle group weights, GWV and NET payload weight allowing the monitoring of load distribution as you load or unload. Warning and overweight alarm outputs are standard.

The scale ComLink also has an Interface port that can be used to transmit vehicle weight information to on-board computers.

### How It Works

The Air-Weigh rigid truck scale works on most trucks with front sprung axles and air suspension on the drive axle. It converts air pressure in the drive axle air springs into very accurate on-the-ground weight data. The heavier the load, the more air pressure required to maintain the ride height.

A deflection sensor measures the flex of the vehicle's steer axle or axles providing flex/weight ratio for vehicles with leaf spring front axles. Displacement/weight ratio can also be installed to drive axles with rubber or leaf spring suspension allowing Air-Weigh scales to be installed on different types and configuration of vehicle suspension.

Once calibrated, the rigid truck scale displays the weights of the steer and drive axle groups and gross vehicle weight (GVW).

### Easy to Operate

Air-Weigh's simple on screen menu makes it easy to set up and calibrate your scale.

Drivers can learn to calibrate the system in minutes by simply reading the system set up card, or simply call us for assistance. On site fleet assistance is also available.

### Three Year Warranty

Air-Weigh electronic on-board scales are covered by a 3 year warranty with 2 years on deflection sensors.

### Product Details

Calibration	Dual-Point, PIN-protectable
Display	Air-Weigh 5800 digital display. Standard 50mm round in-dash instrument
Data Ports	SAE J1780, RS-232 data / printer port
Language	English and Spanish or English and French
Units	Pounds or Kilograms; user selectable
Alarm	Warning and overweight alarm outputs
Operating Temperature	-40° to +85°C -40° to +185°F
Sensors	Deflection sensor on steer axle; air pressure sensor on drive axle (single or dual leveling valves)
Power	9 to 32 V dc

## LoadSmart™

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